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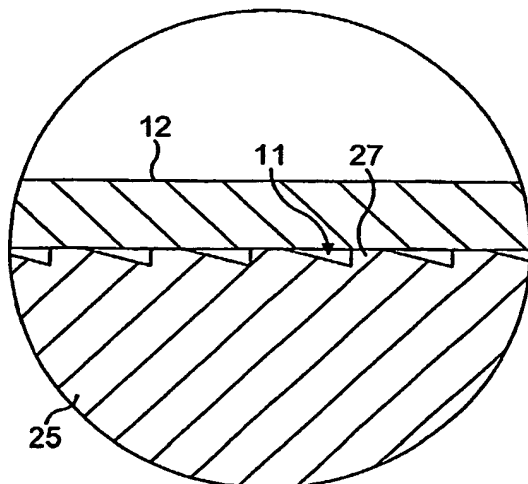
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(54) Title: SENSOR



(57) Abstract: A physiological sensing device comprises an
electrical sensor (4) for insertion into the tissue of a live animal
and which measures the partial pressure of carbon dioxide in
the animal tissue. The device also includes an electrical cable
(6) connected electrically at its distal end to the sensor (4).
The cable (6) is surrounded by a sheath (28). The sheath (28)
has several flexible portions (30) separated by longitudinal slits
(29). Movement of the proximal end of the sheath (28) towards
its distal end shortens the distance between the ends of the
flexible portions (30) and causes them to bow outwardly. The
sensor (4) can be retained in animal tissue by the bowed flexible
portions (30).

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